



National Highway Traffic
Safety Administration



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Safety Administration

FARS & GES 2005

CHANGES TO DATA COLLECTION

Dennis Flemons

State Data Reporting System Division, NCSA

<conference name/ session>

<date>



NHTSA's National Center for Statistics & Analysis



❖ FARS - Fatality Analysis Reporting System:

Census of All Fatal Motor Vehicle Traffic
Accidents in the U.S.



❖ NASS - National Automotive Sampling System:

Nationally Representative Sample of Motor
Vehicle Traffic Accidents

❖ CDS - Crashworthiness Data System

❖ GES - General Estimates System

Fatality Analysis Reporting System

- **Purpose –**
 - ◆ **Provide an objective basis to evaluate the effectiveness of motor vehicle safety standards and highway safety programs**

Fatality Analysis Reporting System

- **All Fatal Motor Vehicle Traffic Accidents**
 - ♦ **Fatality w/in 30 Days of Crash**
 - ~ 37,000/year
 - ♦ **Covers All 50 States, DC, and Puerto Rico**
- **Began Operation in 1975**
- **Operated Cooperatively with States**

FARS Data Sources



- **Police Accident Reports**
- **State Vehicle Registration Files**
- **State Driver Licensing Files**
- **State Highway Department Data**
- **Vital Statistics**
- **Death Certificates**
- **Coroner/Medical Examiner Reports**
- **Hospital Medical Records**
- **Emergency Medical Services Reports**

NASS **General Estimates System**

- **Purpose-**
 - ◆ **provide statistical information as an aid to monitor large scale trends on the general characteristics of the nation's police-reported motor vehicle traffic accident experience**

NASS

General Estimates System

- The **NASS General Estimates System (GES)** collects a nationally representative sample of **ALL** police reported motor vehicle traffic accidents.
- Annual sample of approximately 57,000 police traffic accident reports
 - ◆Must meet the state reporting criteria
 - ◆Must be police reported (signed by a police officer)
 - ◆All types of motor vehicles

GES Data Source

◆ Data Source is Only the Police Accident Reports

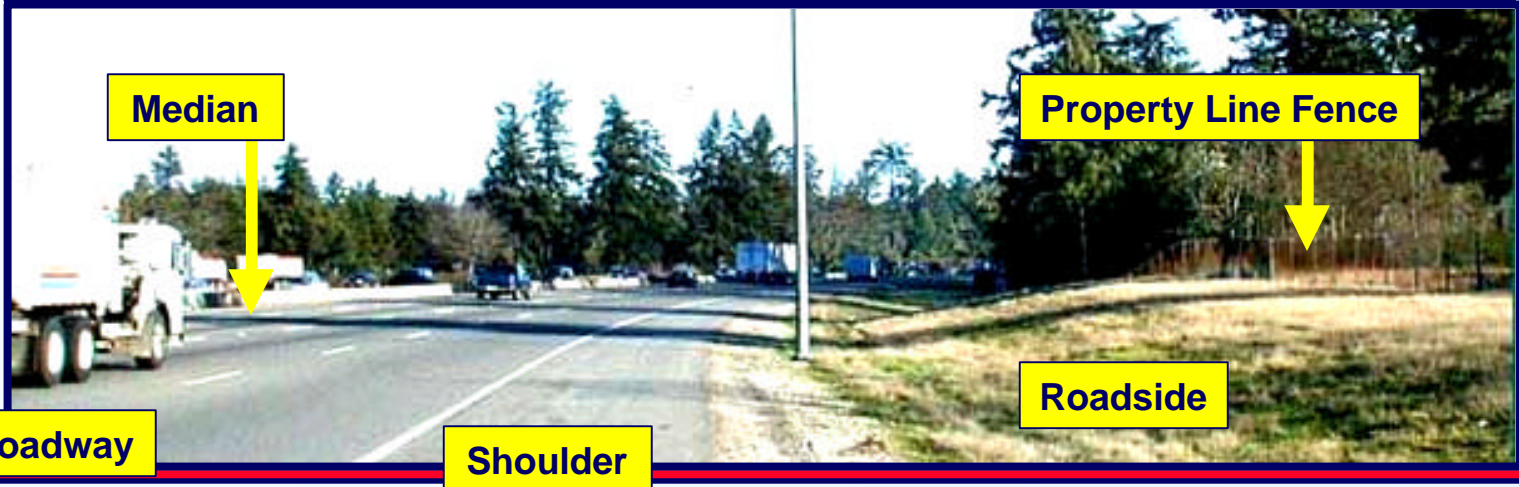
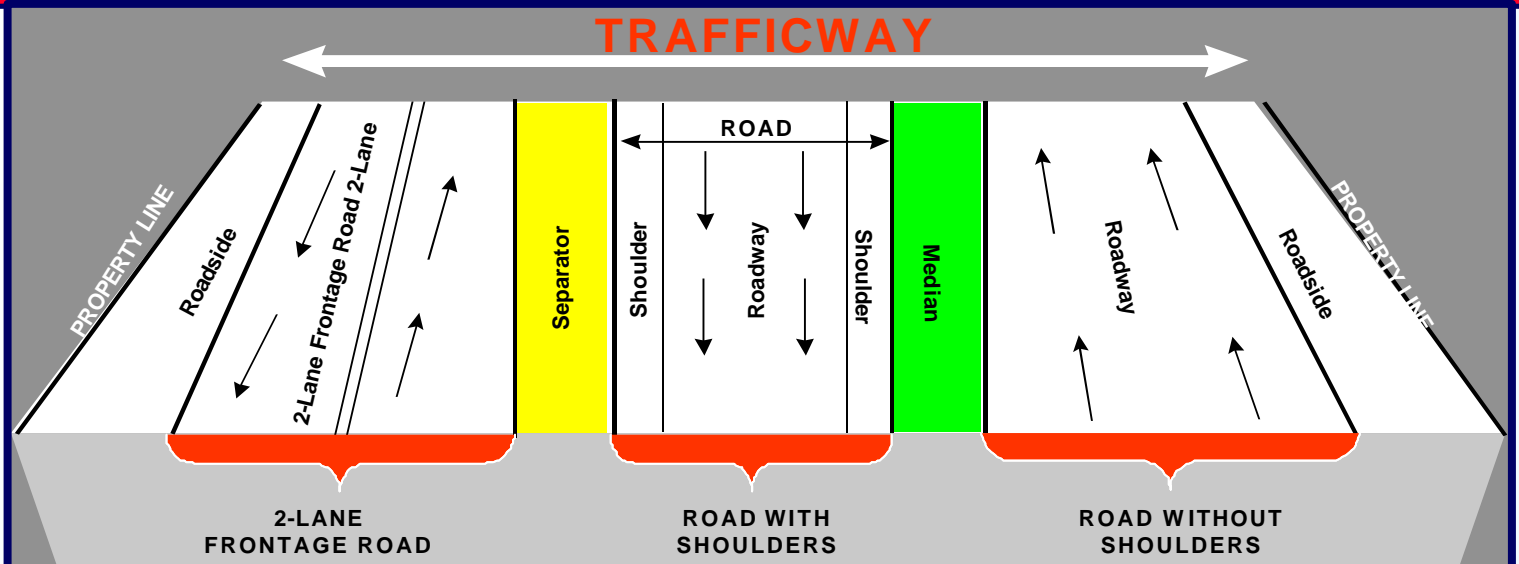
ORIGINAL DATABASE DESIGN

- ONE ACCIDENT RECORD
- **VEHICLE RECORDS**
- DRIVER RECORDS
- PERSON RECORDS

VEHICLE RECORDS

- **ONLY MOTOR VEHICLES IN TRANSPORT**
 - ◆ **IN MOTION ON A TRAFFICWAY**
 - ◆ **STATIONARY ON A ROADWAY**

Trafficway Review



CONSEQUENCES

- **CRASH INVOLVED**
 - ◆ **HEAVY TRUCK PARKED ROADSIDE**
 - ◆ **FIRE VEHICLE STOPPED OFF ROADWAY**
 - **NOT IN TRANSPORT**
 - **NO VEHICLE RECORD**
 - **NO VEHICLE DATA**

NOT IN TRANSPORT

- **NO VEHICLE DATA**
 - ◆ **MAKE**
 - ◆ **MODEL**
 - ◆ **BODY TYPE**
 - ◆ **MODEL YEAR**
 - ◆ **VIN**

NOT IN TRANSPORT

- **NO VEHICLE DATA**
 - ◆ **IMPACT POINTS**
 - ◆ **MOST HARMFUL EVENT**
 - ◆ **NUMBER OF OCCUPANTS**
 - ◆ **STRUCK / STRUCK & STRIKING**
 - ◆ **FIRE/EXPLOSION**
 - ◆ **SPECIAL USE**
 - ◆ **EXTENT OF DEFORMATION**

CONSEQUENCES NOT IN-TRANSPORT VEHICLES

- **TREATMENT OF OCCUPANTS**
 - ◆ **MORE LIKE OTHER NON-MOTORISTS**
 - ◆ **LESS LIKE OTHER VEHICLE OCCUPANTS**

NOT IN TRANSPORT VEHICLES

- **TREATMENT OF OCCUPANTS**
 - ◆ **INJURY SEVERITY RECORDED**
 - ◆ **AGE RECORDED**
 - ◆ **SEAT POSITION NOT RECORDED**
 - ◆ **RESTRAINT USE NOT RECORDED**
 - ◆ **AIRBAGS NOT RECORDED**
 - ◆ **EJECTION NOT RECORDED**

HARMFUL EVENTS

- **FIRST HARMFUL EVENT**
 - ◆ **First Damage or Injury Producing Event in Accident**
- **MOST HARMFUL EVENT**
 - ◆ **Most Injury or Damage Producing Event for Each Vehicle**
- **SEQUENCE OF EVENTS - 2004**
 - ◆ **Up to Six Events for Each Vehicle.**

SEQUENCE OF EVENTS- 2004

V.32



SEQUENCE OF EVENTS

Format: 2 numeric, occurring 6 times

| Must be coded for an original submission.

Element Values:

Blanks

Non-Collision

- 01 Overturn/Rollover
- 02 Fire/Explosion* (Always code if present)
- 03 Immersion
- 04 Gas Inhalation*
- 05 Fell/Jumped from Vehicle
- 06 Injured in Vehicle*
- 16 Thrown or Falling Object
- 44 Pavement Surface Irregularity (Pothole, Grooved, Grates)
- 47 Vehicle Occupant Struck or Run Over by Own Vehicle
- 51 Jackknife
- 60 Cargo/Equipment Loss or Shift
- 61 Equipment Failure (blown tire, brake failure, etc.)
- 62 Separation of Units
- 63 Ran Off Road - Right
- 64 Ran Off Road - Left
- 65 Cross Median/Centerline
- 66 Downhill Runaway
- 67 Vehicle Went Airborne
- 07 Other Non-Collision

Collision with Motor Vehicle

- 12 Motor Vehicle in Transport *on Same Roadway*
- 13 Motor Vehicle in Transport *on Other Roadway*
- 14 Parked Motor Vehicle (*not in Transport*)
- 45 Working Construction, Maintenance or Utility Vehicles
- 54 Motor Vehicle Struck by Falling/Shifting Cargo or Anything Set in Motion by Another Motor Vehicle in Transport

*These values are unlikely occurrences and will raise an error flag.

SEQUENCE OF EVENTS- 2004

Non-Collision

- 01 Overturn/*Rollover*
- 02 Fire/Explosion* (Always code if present)
- 03 Immersion
- 04 Gas Inhalation*
- 05 Fell/Jumped from Vehicle
- 06 Injured in Vehicle*
- 16 Thrown or Falling Object
- 44 Pavement Surface Irregularity (Pothole, Grooved, Grates)
- 47 Vehicle Occupant Struck or Run Over by Own Vehicle
- 51 *Jackknife*

SEQUENCE OF EVENTS- 2004

Collision with Motor Vehicle

- | | |
|----|---|
| 12 | Motor Vehicle in Transport <i>on Same Roadway</i> |
| 13 | Motor Vehicle in Transport <i>on Other Roadway</i> |
| 14 | Parked Motor Vehicle <i>(not in Transport)</i> |
| 45 | <i>Working Construction, Maintenance or Utility Vehicles</i> |
| 54 | <i>Motor Vehicle Struck by Falling/Shifting Cargo or Anything Set in Motion by Another Motor Vehicle in Transport</i> |

GOAL SET IN 2003

- **REVISED CODING SCHEME**
 - ◆ **INCLUDE MORE INFORMATION ON**
 - **NOT-IN-TRANSPORT MOTOR VEHICLES**
 - **THEIR OCCUPANTS**
 - ◆ **RETAIN COMPATABILITY
WITH PAST DATA**

CONSIDERATIONS

- **A BASE LEVEL CHANGE AFFECTING:**
 - ◆ **CASE STRUCTURING**
 - ◆ **DATA ENTRY SYSTEM / EDIT CHECKS**
 - ◆ **COUNTER ELEMENTS**
 - ◆ **ELEMENT NAMES / VALUE NAMES**
 - ◆ **CODING PROCEDURES / TRAINING**
 - ◆ **WORK LOAD**
 - ◆ **ANALYTICAL FILE BUILDING**

CONSIDERATIONS

- **ACCIDENT CLASSIFICATION BY NUMBER OF VEHICLES**
 - ◆ **Based on MOTOR VEHICLES in TRANSPORT**
 - (FARS and ANSI D16.1)
 - ◆ **WILL NOT CHANGE**
 - SINGLE-VEHICLE, 2-VEHICLE, MULTI-VEHICLE
 - HAVE SAME DEFINITIONS AS OLD

ACCIDENT CLASSIFICATION BY NUMBER OF VEHICLES

- **M. V. in T. COLLIDES WITH
VEHICLE PARKED ROADSIDE**
 - ◆ **THIS IS STILL A SINGLE VEHICLE
CRASH**

ACCIDENT CLASSIFICATION BY NUMBER OF VEHICLES

- **TWO M. V. in T. COLLIDE
IN ROADWAY LANE**
- **ONE RUNS OFF ROAD AND
STRIKES VEH. STOPPED ON
SHOULDER**
 - ◆ **THIS IS STILL A TWO-VEHICLE CRASH**

ACCIDENT CLASSIFICATION BY NUMBER OF VEHICLES

- **DIFFERENCE - NEW SCHEME**
 - ◆ **INCLUDE SELECT VEHICLE INFORMATION ON PARKED VEHICLES**
 - ◆ **DISTINGUISH FROM M.V. in T.**
 - ◆ **RECORD MORE DATA ON OCCUPANTS**

CONSIDERATIONS

- **MORE FUNDAMENTALLY-**
 - ◆ **NOT CHANGING DEFINITION OF
“MOTOR VEHICLE TRAFFIC ACCIDENT”**
 - ◆ **CONTINUE TO REQUIRE ALL CONDITIONS
FOR MOTOR VEHICLE TRAFFIC ACCIDENT**
 - ◆ **IN BRIEF:**
 - **CRASH MUST INVOLVE A MOTOR VEHICLE
IN TRANSPORT ON A TRAFFICWAY**

Coded “Not In-Transport” Motor Vehicle Types

- **PARKED**
 - ♦ **Parked in designated parking areas**
- **STOPPED OFF ROADWAY**
 - ♦ **Shoulder, Median, Roadside, Gore,
Stopped Outside Trafficway**
- **IN MOTION OUTSIDE TRAFFICWAY**
- **WORKING MOTOR VEHICLES**

WORKING VEHICLES PRE-2005

- **NOT MOTOR VEHICLES in TRANSPORT**
 - ◆ **NOT MOTOR VEHICLES**
 - NOT TRANSPORT VEHICLES
 - ◆ **EXAMPLES:**
 - Dump Truck / Cement Mixer Spreading Load
 - Highway Maintenance Truck Painting Stripes
 - Tractor Mowing the Roadside / Median
 - Utility Company Bucket Truck at Work

WORKING VEHICLES 2005

- NOT MOTOR VEHICLES in TRANSPORT
 - ◆ NOT IN TRANSPORT
 - ARE MOTOR VEHICLES
 - ARE TRANSPORT VEHICLES
 - ◆ ALLOWS A “TRUCK” TO REMAIN A TRUCK”
 - ◆ EXCLUDES SOME VEHICLES FROM BEING “IN TRANSPORT”

NEW VEHICLE ELEMENT

- **UNIT TYPE**

- ◆ 1 MOTOR VEHICLE IN-TRANSPORT
- ◆ 2 MOTOR VEHICLE NOT IN-TRANSPORT,
WITHIN TRAFFICWAY
- ◆ 3 MOTOR VEHICLE NOT IN-TRANSPORT,
OUTSIDE TRAFFICWAY
- ◆ 4 WORKING MOTOR VEHICLE

- **GES COMBINES 2 & 3**

INCLUDED in “UNIT TYPE” Codes 2 & 3

CODE (2) MOTOR VEHICLE NOT IN-TRANSPORT, WITHIN TRAFFICWAY

- **Parked**
- **Stopped Off Roadway**

CODE (3) MOTOR VEHICLE NOT IN-TRANSPORT, OUTSIDE TRAFFICWAY

- **Parked**
- **Stopped**
- **In motion**

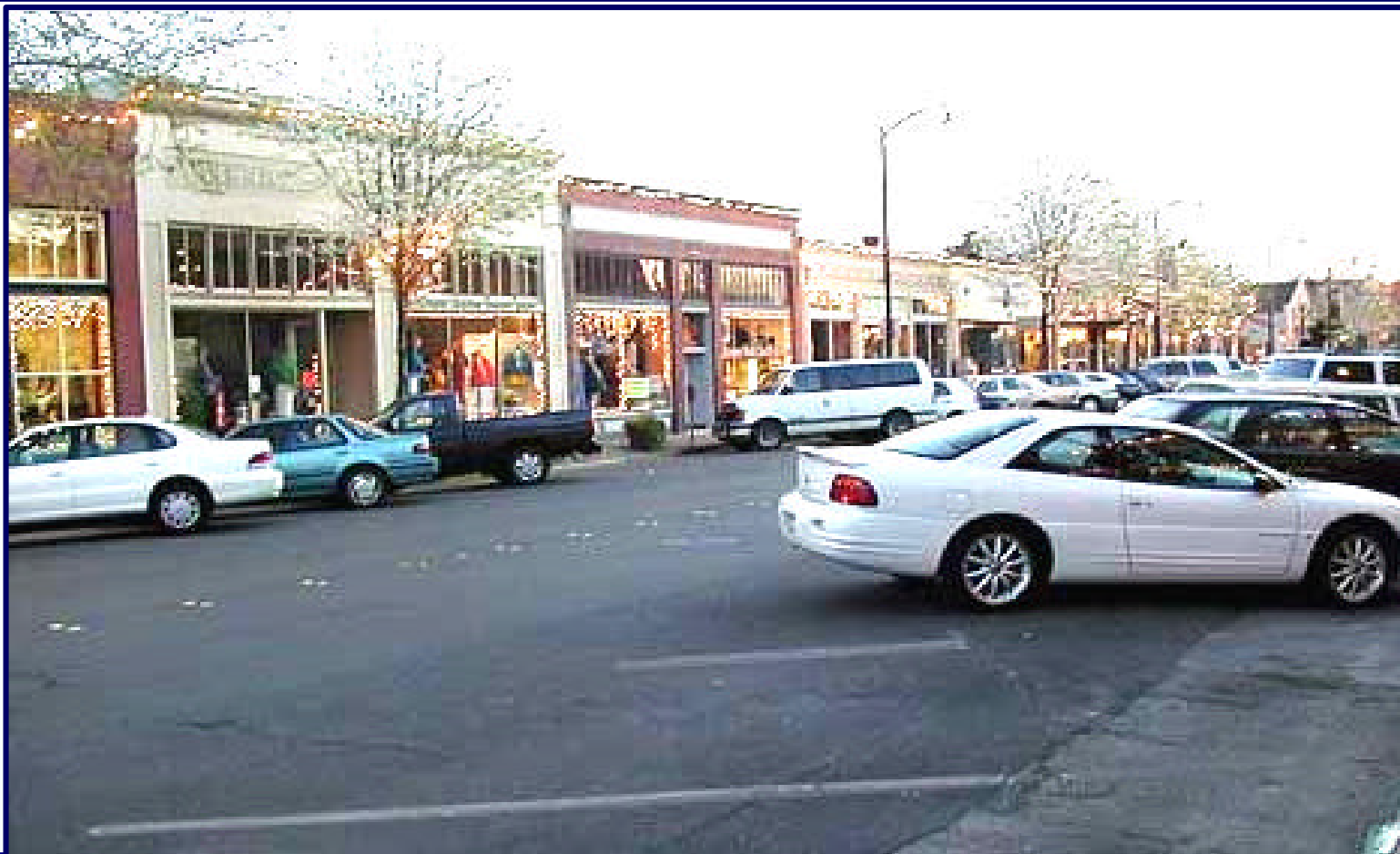
- **GES COMBINES (2) & (3)**

Parked Motor Vehicle Examples



Vehicles Parallel Parked in designated spaces.

Parked Motor Vehicle Examples



Vehicles diagonally parked in designated spaces.

Stopped Off Roadway Vehicle Examples



Vehicle Stopped in the median



Vehicle Stopped on the roadside

Stopped Off Roadway Vehicle Examples



**Vehicle Stopped on the road shoulder
(Off Roadway)**

Stopped Outside Trafficway



INCLUDED in “UNIT TYPE” Code 4

- **CODE (4) WORKING MOTOR VEHICLE**
 - ◆ Highway Construction,
Maintenance or
Utility Work Vehicles
 - ◆ Performing Work
 - ◆ Within or Outside Trafficway

EXCLUDED from “UNIT TYPE” Code 4

- **CODE (4) WORKING MOTOR VEHICLE**

EXCLUDES:

- ◆ Private Construction
- ◆ Activities By Private Citizens (Snow Plow, Etc.)
- ◆ City Garbage Collection
- ◆ Mail/Delivery Trucks
- ◆ Police / Emergency Vehicles At A Stop
- ◆ Taxis

Working Vehicle Examples



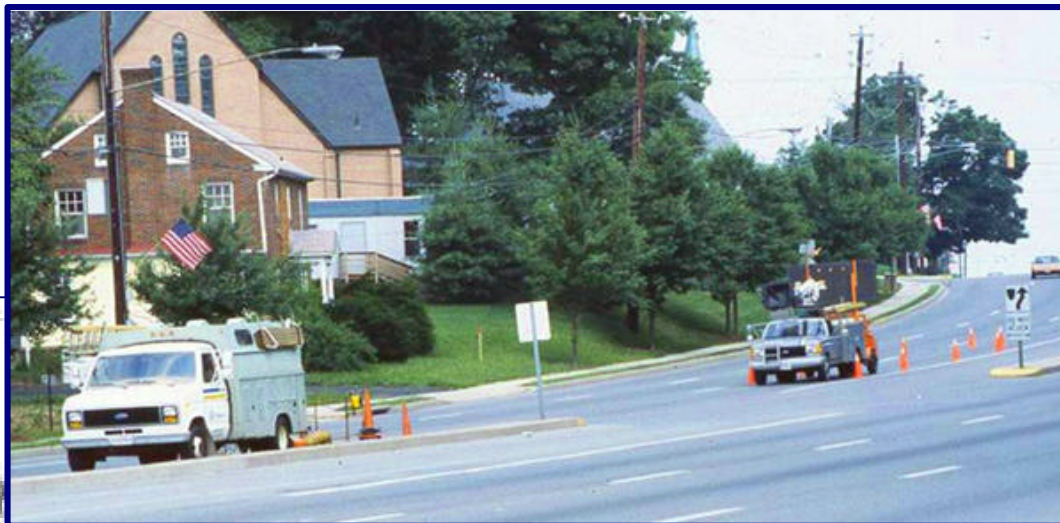
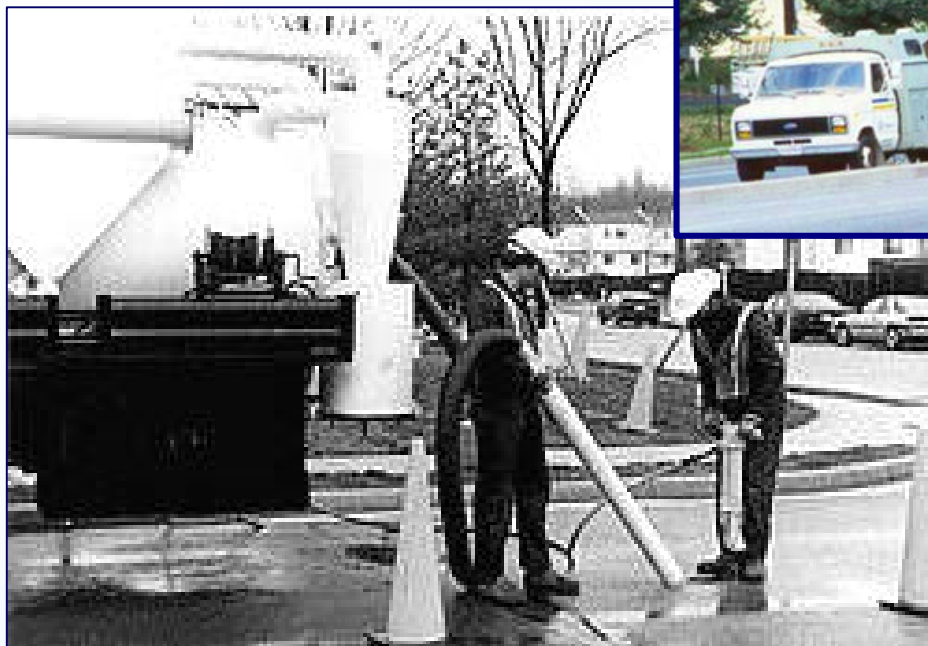
Working Vehicle Examples



Working Vehicle Examples



Working Vehicle Examples



Examples Not Working Vehicle



Examples Not Working Vehicle



Examples Not Working Vehicle

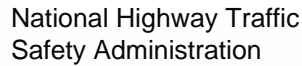


Examples Not Working Vehicle




NOT IN-TRANSPORT MOTOR VEHICLES

- **VEHICLE ELEMENTS NOT CODED**
 - ◆ **TRAVEL SPEED**
 - ◆ **VEHICLE MANEUVER**
 - ◆ **CRASH AVOIDANCE MANEUVER**
 - ◆ **ROLLOVER**
 - ◆ **JACKKNIFE**
 - ◆ **MANNER OF LEAVING SCENE**
 - ◆ **SEQUENCE OF EVENTS**



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CASE NUMBER STATE (V1)		CONSECUTIVE NUMBER (V2)		VEHICLE Number (V3) (Assigned by Analyst)		NUMBER OF OCCUPANTS (V4) Actual, Seated, Total, Seated, Total 95-05 or New 95-05 or New 95-05 or New	
DATE CODED		DATE INPUT		305 Fatal Fatality Analysis Reporting System VEHICLE LEVEL		 T.D.O. Department of Transportation National Highway Traffic Safety	
URMT TYPE (V_)		IMPACT POINT - RITUAL PRINCIPAL (V28)		VEHICLE ROLE (V21)		UNDERCARRIAGE (V23)	
1 Motor Vehicle in Transport 2 Motor Vehicle Not in Transport (Rollover Traffic Stop) 3 Motor Vehicle Not in Transport (Other Traffic Stop)		1 Stopping Motor Vehicle 2 Stopping Motor Vehicle		01 Non-Collision 02 Collision 03 Other		1 Stopping Motor Vehicle 2 Stopping Motor Vehicle 3 Stopping Motor Vehicle	
REGISTRATION STATE (V5)		REGISTRATION STATE (V5)		WITH MOTOR VEHICLE IN TRANSPORT		WITH OTHER VEHICLE	
01A 0000000000 02 No Registration 03 No Registration 04 Multiple State Registration 05 U.S. Government Tag		01 Military Vehicle 02 Commercial 03 Other Government 04 Other		1 Under Motor Vehicle in Transport 2 Under Motor Vehicle in Transport 3 Under Motor Vehicle in Transport		1 Under Motor Vehicle in Transport 2 Under Motor Vehicle in Transport 3 Under Motor Vehicle in Transport	
REGISTERED VEHICLE OWNER (V6)		REGISTERED VEHICLE OWNER (V6)		EXTENT OF DEFORMATION (V22)		EXTENT OF DEFORMATION (V22)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
VEHICLE MAKE (V7)		VEHICLE MAKE (V7)		VEHICLE MAKE (V7)		VEHICLE MAKE (V7)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
VEHICLE MODEL (V8)		VEHICLE MODEL (V8)		VEHICLE MODEL (V8)		VEHICLE MODEL (V8)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
BODY TYPE (V9)		BODY TYPE (V9)		BODY TYPE (V9)		BODY TYPE (V9)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
MODEL YEAR (V10)		MODEL YEAR (V10)		MODEL YEAR (V10)		MODEL YEAR (V10)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
VEHICLE IDENTIFICATION NUMBER (V11)		VEHICLE IDENTIFICATION NUMBER (V11)		VEHICLE IDENTIFICATION NUMBER (V11)		VEHICLE IDENTIFICATION NUMBER (V11)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle	
BUS USE (V12)		BUS USE (V12)		BUS USE (V12)		BUS USE (V12)	
01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 10 Motor Vehicle		01 Motor Vehicle 02 Motor Vehicle 03 Motor Vehicle 04 Motor Vehicle 05 Motor Vehicle 06 Motor Vehicle 07 Motor Vehicle 08 Motor Vehicle 09 Motor Vehicle 	

 $\langle date \rangle$

DRIVER LEVEL CHANGES

- **NEW DRIVER PRESENCE CODE**
 - ◆ **(4) MOTOR VEHICLE NOT IN TRANSPORT**
 - **(Parked / Stopped Off Roadway/ Working / In-Motion Outside Trafficway)**

NEW DRIVER PRESENCE CODE

(4) MOTOR VEHICLE NOT IN TRANSPORT

- *Use this code regardless of the presence of an occupant in the driver's seat.*
- *All other elements on the Driver Level must be left blank, except*
- *Related Factors-Driver Level which should all be coded "00."*

PERSON TYPE CHANGES

- **TO DATE, WE HAVE ONLY CODED MOTOR VEHICLES IN-TRANSPORT**
- ◆ **WE HAVE ONLY CLASSIFIED PERSONS AS MOTORIST OR NON-MOTORIST.**

PERSON TYPE CHANGES

- **FOR 2005, WE ARE CODING MOTOR VEHICLES **NOT** IN-TRANSPORT**
 - ◆ **ALSO CLASSIFY PERSONS AS OCCUPANTS OR NON-OCCUPANTS.**
 - ◆ **PERSONS IN MOTOR VEHICLES NOT IN-TRANSPORT WILL NOW BE CODED WITH THEIR MOTOR VEHICLE.**



National Highway Traffic
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PERSON TYPE 2004

MOTORIST

DRIVER of M.V. in T.

PASSENGER of M.V. in T.

UNKNOWN OCC. TYPE in M.V. in T.

NON-MOTORIST

OCC. of M.V. **NOT** in T. (03)

OCC. of Non-M.V. T. DEVICE

PEDESTRIAN

BICYCLIST

OTHER CYCLIST

OTHER PEDESTRIAN (08)

UNK. NON MOTORIST



National Highway Traffic
Safety Administration

PERSON TYPE 2005

MOTORIST

DRIVER of M.V. in T.

PASSENGER of M.V. in T.

UNKNOWN OCC. TYPE in M.V. in T.

NON-MOTORIST

OCC. of M.V. **NOT** in T. (03)

OCC. of Non-M.V. T. DEVICE

PEDESTRIAN

BICYCLIST

OTHER CYCLIST

OTHER PERSONS* (08)

UNK. NON MOTORIST

PERSON TYPE CHANGES

People In Motor Vehicles

DRIVER of M.V. in T.
PASSENGER of M.V. in T.
UNKNOWN OCC. TYPE in M.V. in T.
OCC. of M.V. **NOT** in T. (03)

People Not In Motor Vehicles

OCC. of Non-M.V. T. DEVICE

PEDESTRIAN

BICYCLIST

OTHER CYCLIST

OTHER PERSONS* (08)

UNK. NON MOTORIST

PERSON TYPE CHANGES

- **03 –Occupant of M.V. NOT in Transport**
 - ◆ **Parked Motor Vehicles**
 - ◆ **Motor Vehicles Stopped off Roadway/Trafficway**
 - ◆ **Motor Vehicle In Motion Outside Trafficway**
 - ◆ **Now, Also Working Motor Vehicle Occupants**
 - **Formerly, 08 – OTHER PEDESTRIAN**

PERSON TYPE CHANGES

- **08 – OTHER PERSONS ON PERSONAL CONVEYANCES OR IN BUILDINGS**
 - ◆ **Formerly read:**
08 – OTHER PEDESTRIAN
 - ◆ **NO LONGER INCLUDES:**
OCCUPANTS OF WORKING MOTOR VEHICLES (03)

PERSONAL CONVEYANCES

Inclusions:

1. Rideable toys

- Roller Skates
- In Line Skates
- Skateboards
- Baby Carriage
- Scooters
- Toy Wagons



PERSONAL CONVEYANCES

Inclusions:

2. Motorized rideable toys

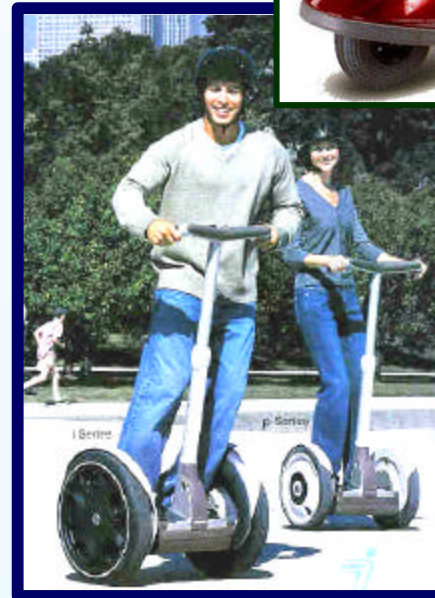
- Motorized skateboard
- Motorized scooter
- Motorized toy car



PERSONAL CONVEYANCES

Inclusions:

3. Devices for personal mobility assistance
- Segway-style devices
 - Motorized and non-motorized wheelchairs
 - Handicapped scooters



SEQUENCE OF EVENTS

HARMFUL EVENTS

Collision *Involving* Motor Vehicle *in Transport*

12 - Motor Vehicle in Transport on Same Roadway

13 - Motor Vehicle in Transport on Other Roadway

54 - Motor Vehicle *Strikes or is* Struck by
Cargo, Persons or Objects Set in Motion *from/by* Another
Motor Vehicle In Transport

Collision *Involving* Motor Vehicle *NOT in Transport*

14 - Parked Motor Vehicle *or Motor Vehicle Stopped Off Roadway*

45 - Working Motor Vehicle (*construction, maintenance or utility
vehicle only*)

55 – Other Not In-Transport Motor Vehicle

End of Presentation

FARS & GES 2005